



FIG. 1

Continuation of U.S.S.D. 08/800, 682 OMRP 158 CIP CON

FIG. 2a

GGT GAA GAA GGA GTT GTG CCA GCA CGT GAG TAC TCA GAC GAT CGT 45 G I y G I u G I y Val Val Pro A I a A r g G I u T y r S er As p As p Ar g [15]

AAC ATC AAC CTG GCA GAC GAA TTA AAA ATT GGT GAT ACC ATT GAA 90 Asn Ile Asn Leu Ala Asp Glu Leu Lys Ile Gly Asp Thr Ile Glu [30]

GCA GTT GTC ATT TCT AAC GTA ACA AGC GAC AAG GAA GGC GTC AGT 135 Ala ValValIle SerAsn ValThrSerAsp Lys Glu Gly ValSer [45]

TAC TTG TTG TCA AAG AAG CGT TTG GAT GCG CGC AAG GCA TGG GAA 180 Tyr Leu Leu Ser Lys Lys Arg Leu Asp Ala Arg Lys Ala Trp Glu [60]

AAC TTG AGC TTT GCT GAA GGT GAC ACA GTT GAT GCC AAG GTT ATC 225 Asn Leu Ser Phe Ala G lu G ly Asp Thr Val Asp Ala Lys Val Ile [75]

AAC GCT GTT CGT GGT GGT TTG ATT GTT GAT GTT AAC GGC GTA CGT 270 Asn Ala Vaf Arg Gly Gly Leu Ile Val Asp Val Asn Gly Val Arg [90]

GGT TTC GTA CCA GCA TCA ATG GTT GCA GAA CGT TTC GTT TCT GAT 315 Gly Phe Val Pro Ala Ser Met Val Ala Glu Arg Phe Val Ser Asp [105]

TTG-AAC CAA TTC AAG AAT AAG GAT ATT AAA GCA CAA GTT ATC GAA 360 Leu Asn Gin Phe Lys Asn Lys Asp Iie Lys Ala Gin Val Iie Giu [120]

ATT GAC CCT GCT AAT GCA CGT TTG ATT TTG TCA CGT AAG GCT GTT 405 Ile Asp Pro Ala Asn Ala Arg Leu Ile Leu Ser Arg Lys Ala Val [135]

GCT GCA CAA GAA CGC GCT GCA CGA TTG GCT GAA GTA TTT AGC AAG 450 Ala Ala Gln Glu Arg Ala Ala Gln Leu Ala Glu Val Phe Ser Lys [150]

TIG TCA GTT CGT GAA GTT GTT GAA GGA ACT GTT GCC CGT TTG ACA 495 Leu Ser Val Gly Gly Val Val Gly Gly Thr Val Ala Arg Leu Thr [165]

GAC TTC GGC GCA TTC GTT GAC TTG GGT GGT GGT GAT GGT TTG GTT 540 Asp Phe Gly Ala Phe Val Asp Leu Gly Gly Val Asp Gly Leu Val [180]

CAC GTA TCA GAA ATC TCA CAC GAT GGT GTG AAG AAC CCG GCC GAT 585 His Val Ser Glu I le Ser His Asp Arg Val Lys Asn Pro Ala Asp [195]

GTA TTG ACA AAG GGT GAC AAG GTT GAT GTT AAG ATC TTG GCA TTG 630 Valleu Thrlys Gly Asplys Val Asp Val Lys Ile Leu Ala Leu [210]

GAC ACT GAA AAG GGT CGT ATC TCA TTG TCA ATC AAA GCA ACA CAA 675 Asp Thr Glu Lys Gly Arg IIe Ser Leu Ser IIe Lys Ala Thr Gln [225]

Continuation of U.S.S.N. 08/800, 682. OMRP 158 CIPEDN

FIG. 2b

										ATC I i e					720 [240]
GTG V al	CTT L eu	GAA G I u	GGT G ly	ACT T hr	GTT V al	AAG Lys	CGT A rg	GTG V al	AAG Lys	GAC A sp	TTT Phe	GGT G I y	GCC Ala	TTT Phe	765 [255]
GTT V al	GAA G lu	ATT I1e	TTG L eu	CCT P ro	GGT G I y	ATC Ile	GAA G Iu	GGT G ly	CTT L eu	GTG V al	CAC His	GTG V al	TCA S er	CAA G In	810 [270]
															855 [285]
															(300) (300)
										GAA G lu					
CGT A rg.	GAA G lu	GAT A sp	CGT A rg	CGT A rg	GGT G ly	AAC A sn	GAT A sp	GGT G ly	TCA S er	GCT A la	TCA S er	CGT A rg	GCT A la	GAT A sp	990 [330]
ATC I le	GCT A la	GCT A la	TAC Tyr	AAG Lys	CAA G In	CAA G In	GAT A sp	GAC A sp	TCA S er	GCC A la	GCA A la	ACA Thr	TTG Leu	GG G I	T 1035 / [345]
GAC A sp	ATC Ile	TTT P he	GGT G ly	GAT A sp	AAG Lys	TTG L eu	TAA ı ***	GA	GGCA.	TCAA(CATA	vaaga	GCTG	GTTC	1086 [352]
GCC	AGTT	стп	TATT	TTGA	\AGA^	TAAA	TGAG	TGGG	CATT	AGTG(GCG	CTCA	CGGT	ATĢ	1145
AAA	AAGG	AGG	rgcg.	FATTA	GGC/	GCA	CCAGT	AGTA	GCCA	ATTGT	TGGC	GACC	AAAC	GTCG	1204
GAA	AATO	GACT	TATCT	TTAA	CCGG	ATGG	CCGG	AGAA	CGTA	TTGC.	AATTO	GTTGA	VAGAT	CAA	1263
CCA	GGG	GTAA	CACG	CGAT	CGTT	TGTA	CGCG	CCAG	CCGA	ATGG	TTGA	TATTA			1314

FIG. 3a

121 159 165 54 536	/ 180 L 218	224 1113 287	239 277 283 172 337	
63 SFAEGDTVDAKVINAVRGGLIVDVNGVRGFVPASMVAERFVSDLNQFKNKDIKAQVIEI 121 101 AYEDAETGVINGK-K FT-ELD - I - A-L- G- L- DV-P-R -TLHLEG-ELEFK KL 159 107 K- EA- ER- EGI IF- Q-KFT - LD -AVA -L- R-Q - DI -PIR -VTPADAQPAALRNLKM 165 1 ETGVINGK-KFT - ELI - A - L- G-L - DV-P-R-TTHLEG - ELEFK KL 54 182 DV-KG- IVG-NKVVAL-E - L F-Q I SSK - SAEELLE - E-PLKFV - V 236	a	166 -KRRGNIWVRT -LEESE - RS-1VQNEE- QV-KNIY L 224 55 -QKRNNVWVRIESSSERDQLLEN -QE-ME-K-I -KNIY	181 HVSEISHDRVKNPADVLTKGDKVDVKILALDTEKGRISLSIKATORGPWDEAADQIAAG 219 - ITDMAWKH-SEIVNV E ITV-KF-R- RT -VGL-QLGEDVAI - KRYPE- 225 - TDMAWR H-SEIQNI - QQ-K- Q- IRINQ- TH GM-QLESDGIGAKYPV- 114 - ITDMAWK H-SEIVNV E IT V-KF-R- RT -VGL-QLGEDVAI - KRYPE- 288 Q SDI - T-QP TLK - MSH-R- RV T-KLEPT - G-	** **
LIVDVNGVRGFVP FT-ELD - I - A-L- TTLD -AVA -L- I TT- ELI - A - L- I VAL-E -L	AAQLAEVFSKLSV S- ERDQLLEN-QE	-E - RS-IVUN -EE S- ERDQLLEN -OE 2- M- DSQAQ-GI d d *****	(GDKVDVKILALD* ' E ITV-KF-F QQ-K- Q- IRING ' E IT V-KF-F TLK - MSH-F	*** ** **
VDAKVINAVRGG TGVINGK-K {- EGI IF- Q-K{ -TGVINGK-K{ -KG- IVG-NK	LILSRKAVAAGEP VVVRIES - N	IVVRT -LEES - VVVRIES - S VM-NRKAM-DS(HDRVKNPADVLTI WKH-SEIVNV WRH-SEIVNV WKH-SEIVNV	
63 SFAEGD1 101 AYEDAE - 107 K- EA- EF 1 E- 182 DVV	122 DPANAR 160 -QKRNN	166 -KRRGN 55 -QKRNN 237 -EEQS	181 HVSEISI 219 -ITDMA 225TDMA 114 -ITDMAV 288 0	* * *
55 FS	183 183 183	PS1 CS1	FS FS FS	

FIG. 31

298 510 430						
1 240 SVLEGTVKRVKDFGAFVEILPGIEGLVHVSQISNKRIENPSEVLKSGDKVQVKVLDIKP 1 278 TK -T -R- TNLT -Y- CEE -V EM RD-V-DATLSV E- EA- FTGVDR 1 284 KKIS TNIT -Y LE 1 - I - EM -RPG-QVI-EFNK V- RAV VDV		₩****	1 299 AEERISLSMKALEEKPERE 317	511 KNRA VR-KD-AD-KD		320 ER GV-QLA-DP
151 151 151 151 151 151 151 151 151 151	S		오	ES	SS	S







